

Message Text

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NOFORN

DEFENSE FOR ISA/MILLER AND CCCI/GRAY AND HERMANN;

JCS FOR J-4/LTGEN GREGG AND CMDR OLSON

E.O. 11652: GDS

TAGS: MARR NATO

SUBJECT: INFRASTRUCTURE PROGRAM FOR 1980-84, POTENTIAL
FOR SATISFACTION OF US REQUIREMENTS

REFS: (A) SHAPE LETTER 6100 3A/20-2-1/513/78, 2 MAR 78,

(B) SACLANT LETTER C-424/11001/11H, 3 FEB 78, (C)

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SUMMARY. THIS MESSAGE PROVIDES OUR ANALYSIS OF THE INTER-
FACE BETWEEN NATO'S REQUESTS FOR 1980-84 INFRASTRUCTURE
FUNDS AND THE US REQUIREMENTS WHICH HAVE SURFACED WITHIN
THE LONG-TERM DEFENSE PROGRAM OR IN US UNILATERAL CON-
STRUCTION PLANS. ACTION REQUESTED: REVIEW OF NATO'S
REQUEST TO DETERMINE ACCEPTABILITY IN VIEW OF KNOWN US
ASPIRATIONS FOR THE INFRASTRUCTURE PROGRAM. END SUMMARY.

1. WITH THE INTENSE INTEREST DEVELOPING BOTH IN DOD AND CONGRESS OVER THE POSSIBLE CONTENT OF NATO'S INFRA-STRUCTURE PROGRAM DURING THE NEXT FIVE-YEAR SLICE GROUP, WE HAVE BEEN MONITORING CLOSELY THE REQUESTS FROM MAJOR NATO COMMANDERS (REFS A AND B) IN COMPARISON WITH THE REQUIREMENTS EMERGING FROM THE LONG-TERM DEFENSE PROGRAM (LTDP), AND THOSE KNOWN TO BE CONSIDERED FOR UNILATERAL FUNDING BY US SERVICES IN FISCAL YEARS 1979 AND SUBSEQUENT.

2. IN PARA 9, BELOW, WE HAVE CONSOLIDATED AND CONDENSED THE MNC REQUESTS. OUR INITIAL CONCLUSION IS THAT, WHEREAS THERE APPEARS TO BE SOME SMALL OVERLAP WITH US AND LTDP REQUIREMENTS, MUCH REMAINS TO BE DONE IF WE HOPE TO SATISFY US ASPIRATIONS.

3. DURING CONGRESSIONAL HEARINGS ON THE FY79 ARMY MILITARY CONSTRUCTION BILL, US MISSION REP (LOVELAND) WAS CLOSELY QUERIED CONCERNING CHANCES OF EARLY RECOUPMENT OF US-PREFINANCED EXPENDITURES, BOTH PAST (PRINCIPALLY FOR AIRCRAFT, SHELTERS AND WEAPONS SECURITY) AND THOSE TO BE FUNDED FROM THE FY79 BILL (MORE SHELTERS, POMCUS AND MUNITIONS STORAGE, AND ARMY TACTICAL AIRFIELD FACILITIES). AS STATED DURING THE HEARINGS, THE MNC REQUESTS FORESEE COMPLETE REIMBURSEMENT FOR ELIGIBLE

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SHELTERS AND WEAPONS SECURITY UPGRADE. IN ADDITION, THE AIRFIELDS CATEGORY INCLUDES FUNDS FOR "COMBAT HELICOPTER" FACILITIES. THERE IS, HOWEVER, LITTLE OR NO PROVISION FOR POMCUS AND AMMUNITION STORAGE, WHICH MAY BE COVERED AS LTDP REQUIREMENTS.

4. WE ARE AWARE OF CINCLANT'S RECENT INTEREST IN CONSTRUCTION OF NATO INFRASTRUCTURE FACILITIES IN NORTH AMERICA. ALTHOUGH WE HAVE FOUND SOME IAU 33 MILLION FOR AIR AND NAVAL FACILITIES IN WESTLANT, WE CANNOT DETERMINE WHETHER THESE ARE FOR CANADA, BERMUDA, PUERTO RICO, OR THE CONTINENTAL US. WE BELIEVE THAT CINCLANT SHOULD CHECK THIS ITEM WITH SACLANT STAFF TO DETERMINE THE EXTENT OF SATISFACTION OF US REQUIREMENTS.

5. WE HAVE ALSO NOTED THAT THE SHAPE AIRFIELDS CATEGORY AMOUNTS TO APPROXIMATELY ITS USUAL PROPORTION OF THE ENTIRE REQUEST AND CONTAINS ONLY CLASSICAL INFRASTRUCTURE FACILITIES. THERE IS NO REPEAT NO PROVISION FOR THE NEW USAF READINESS CATEGORY (SUCH AS CONTINGENCY PAVEMENTS AND HARDENED LOGISTICS FACILITIES) THAT ARE NOW BEING CONSIDERED FOR PREFINANCING FROM FY79 US FUNDS. WE

BELIEVE THAT SHAPE WILL FIND HIGHER PRIORITY REQUIREMENTS AND THEREFORE IS NOT APT TO GIVE ENTHUSIASTIC SUPPORT TO THESE ITEMS. OSD SHOULD RECOGNIZE, THEREFORE, THAT IF THEY ARE NOT CONSIDERED IN THE FIVE-YEAR CEILING NEGOTIATIONS, THERE WILL BE NO REPEAT NO CHANCE FOR REIMBURSEMENT IN THE 1980-84 PERIOD.

6. IN OUR EXAMINATION OF THE LTDP REPORTS, WE FIND REQUIREMENTS FOR POMCUS STORAGE (IAU 100 MILLION) AND LAND MUNITION STORAGE (IAU 200 MILLION), AS WELL AS UNDET-

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ERMINED AMOUNTS FOR COMMUNICATIONS, COMMAND AND CONTROL (CCC), AND ADP SYSTEMS. WHILE SOME SMALL PORTION OF THE LATTER ITEMS MAY BE COVERED IN MNC REQUESTS, THERE WOULD APPEAR TO BE NO REPEAT NO PROVISION FOR THE STORAGE ITEMS WHICH ARE INCLUDED IN THE US ARMY FY79 REQUEST TO CONGRESS. THESE TWO ITEMS PLUS THE REMAINDER OF THE CCC ITEMS SHOULD RESULT IN AN ADDITIONAL REQUIREMENT FOR FUNDS IN THE RANGE OF OUR IAU 500 MILLION ESTIMATION FOR LTDP INFRASTRUCTURE.

7. FROM THE ABOVE, WE CONCLUDE THAT THE REQUIREMENT
WILL BE:

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MNC REQUESTS 1,500
INFLATION FACTOR 300
LTDP REQUIREMENT 500

TOTAL IAU 2,300 MILLION

AS WE HAVE NOTED IN PREVIOUS REPORTS, WE BELIEVE THE
TRAFFIC WILL BEAR ONLY ABOUT IAU ONE BILLION FOR NORMAL
INFRASTRUCTURE. OUR HOPE FOR MAJOR INCREASE DEPENDS,
THEREFORE, ON TRANSFER TO THE LTDP CATEGORY OF AS MANY
REQUIREMENTS AS WILL QUALIFY THEREIN, AND ON A STRONG PUSH
FOR THE LTDP-RELATED ITEMS TO BE COVERED BY AN ADDITIONAL
(ALBEIT WITHIN THE INFRASTRUCTURE PROGRAM) HIGH-LEVEL
FUNDING ENDORSEMENT ALONG THE LINES CITED IN REF C, PARA
4.

8. ADDRESSEES SHOULD REVIEW CAREFULLY THE CONTENTS OF
THE MNC REQUESTS TO DETERMINE THAT ALL FORESEEABLE US
REQUIREMENTS HAVE BEEN CONSIDERED THEREIN. FAILURE TO
SUBMIT SUCH POTENTIALLY INFRASTRUCTURE-
ELIGIBLE REQUIREMENTS IN THE FRAMEWORK OF THE NEGOTIATIONS
OF THE 1980-84 CEILING WOULD DEPRIVE NATO OF A FULL
SUMMARY OF THE BACKLOG OF WORK AND WILL PROBABLY RESULT
IN DISQUALIFICATION OF THE ITEMS FOR NATO FUNDING.

9. CONSOLIDATION AND SHORT DESCRIPTION OF MNC REQUESTS
FOLLOW:

A. SHAPE PRE-COMMITTED PROGRAMS (TOTAL IAU 705 MILLION).

(1) AIRFIELD PHYSICAL PROTECTION (IAU 295 MILLION);
INCLUDES SHELTERS FOR 70 PCT OF TACTICAL AIR FORCE AIR-
CRAFT THROUGH RAPID REINFORCEMENT AND SHAPE STRATEGIC
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RESERVE. THIS WOULD PERMIT RECOUPMENT OF THE BACKLOG
OF US PREFINANCED FUNDS FOR ELIGIBLE SHELTERS AS WELL
AS COMPLETION OF ALL ELIGIBLE SHELTERS PER THE MOST RECENT
DPQ REPLIES.

(2) NICS (IAU 95 MILLION) PROVIDES FOR:

- . (A) TARE-MDC EQUIPMENTS, MEDIUM SPEED TERMINALS AND ASSOCIATED CRYPTO DEVICES.
- . (B) 28 NODAL SWITCHES AND 950 CONCENTRATORS.
- . (C) 250 ADDITIONAL SECURE VOICE EQUIPMENTS.
- . (D) SATCOM UPGRADE WITH NEW SSMA/TDM, FIRST INCREMENT OF NEW SPACE SEGMENT, FOUR ADDITIONAL GROUND STATIONS AND SOME ADDITIONAL CRYPTO HIGH-SPEED EQUIPMENT.
- . (E) REFURBISHMENT OF TRANSMISSION MEDIA.
- . (F) NETWORK CONTROL SYSTEM.

(3) FORWARD STORAGE SITES (IAU 80 MILLION) INCLUDES IAU 55 MILLION FOR CURRENT PROGRAM INCLUDING INCREASE OF CONSUMPTION RATES, PLUS IAU 25 MILLION FOR OTHER MATERIEL STORAGE REQUIREMENTS. THUS IT WOULD APPEAR THAT A SMALL PORTION OF THE LTDP AMMO STORAGE REQUIREMENT MAY BE COVERED UNDER THIS ITEM.

(4) WAR HEADQUARTERS (IAU 38 MILLION) PROVIDES FOR STATIC AND MOBILE FACILITY CONSTRUCTION TO ENSURE SURVIVABILITY OF ADP SYSTEMS.

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(5) COMMAND AND CONTRDL INFORMATION SYSTEMS (IAU 38 MILLION) PROVIDES THE ADP EQUIPMENT REQUIRED.

(6) LONG RANGE SECURITY PROGRAM (LRSP) (IAU 50 MILLION) WILL PROVIDE REIMBURSEMENT OF US PREFINANCING AS WELL AS COMPLEMENT OF FUNDS REQUIRED TO COMPLETE THE WEAPONS PROTECTION PLAN.

(7) RECEPTION AND MOVEMENT FACILITIES (IAU 109 MILLION) INCLUDES IAU 53 MILLION FOR AIR- AND SEAPORT IMPROVEMENTS FOR RECEPTION OF REINFORCEMENTS, IAU 50 MILLION FOR DEPLOYMENT ROADS, BRIDGES AND RIVER CROSSINGS, AND IAU 6 MILLION FOR TRAINING AND COMMUNICATIONS PROJECTS.
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THERE DOES NOT APPEAR TO BE ANY PROVISION FOR POMCUS STORAGE IN THIS TOTAL.

B. SHAPE NON-PRE-COMMITTED PROGRAMS (TOTAL IAU 565 MILLION).

(1) AIRFIELDS (IAU 120 MILLION) COVERS IAU 22 MILLION FOR FORCE MODERNIZATION INCLUDING FACILITIES FOR "COMBAT HELICOPTERS" (PRESUMABLY ARMY), IAU 41 MILLION TO UPGRADE EXISTING AIRFIELDS, AND IAU 57 MILLION FOR RESTORATION OR REPLACEMENT OF FACILITIES.

(2) NAVAL BASES (IAU 58 MILLION) INCLUDES CONSTRUCTION OR MODERNIZATION OF STANDARD FACILITIES PLUS DEGAUSSING RANGES AND DOCKSIDE ELECTRICAL POWER, FUEL DEPOTS (85,000 CUBIC METERS IN MEDITERRANEAN AREA), AND STORAGE FACILITIES FOR NAVAL AMMUNITION, MINES, TORPEDOES, AND MISSILES. TOTAL ALSO INCLUDES IAU 15 MILLION FOR DEFENSE OF STRAITS OF GIBRALTAR.

(3) NON-NICS COMMUNICATIONS (IAU 72 MILLION) INCLUDES RESTORATION OR REPLACEMENT OF EQUIPMENT, DATA TRANSMISSION CIRCUITS, NEW VLF STATION, NEW MILITARY-OWNED CIRCUITS, AND IMPROVEMENTS IN SURVIVABILITY.

(4) WARNING INSTALLATIONS (IAU 164 MILLION) INCLUDES IAU 126 MILLION FOR REPLACEMENT OF RADARS AND COMPLETION OF THE NADGE SYSTEM IN FRG AND UK, AS WELL AS IAU 38 MILLION FOR MISCELLANEOUS IMPROVEMENTS OF NADGE.

(5) POL (IAU 116 MILLION) INCLUDES IAU 71 MILLION FOR FORWARD EXTENSION AND UPGRADING OF EXISTING SYSTEMS, IAU 32 MILLION FOR REPLACEMENT AND RESTORATION, AND IAU 13 MILLION FOR ADDITIONAL FUEL STORAGE. THIS MAY OVERLAP
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SOMEWHAT WITH LTDP REQUIREMENT.

(6) TRAINING INSTALLATIONS (IAU 9 MILLION) FOR IMPROVEMENTS AT NAMFI (CRETE) AND BERGENHOHNE (FRG), AS WELL AS WINTER TRAINING AREA IN NORWAY.

(7) SURFACE-TO-AIR MISSILE SITES (IAU 15 MILLION) PROVIDES CALIBRATION AND MAINTENANCE FACILITIES, ELECTRICAL POWER IMPROVEMENT AND RESTORATION.

(8) NAVAIDS (IAU 9 MILLION) PROVIDES FOR IMPROVEMENT OF TACAN, CONSTRUCTION OF LORAN MONITOR STATIONS, REPLACEMENT OF LORAN EQUIPMENT, AND MICROWAVE LANDING SYSTEMS. IT IS NOT CLEAR THAT THIS LATTER ITEM WILL PERMIT NATO FUNDING OF THE CURRENT USAF PROGRAM FOR REPLACEMENT OF GCA SYSTEMS.

(9) AMMUNITION STORAGE (IAU 2 MILLION) PROVIDES FOR RESTORATION AND UPGRADING OF EXISTING SITES (ASSOCIATED WITH LONG-RANGE SECURITY PROGRAM).

C. SACLANT

(1) MARITIME AIRFIELDS (IAU 51 MILLION) FOR THE DEVELOPMENT, MODERNIZATION, AND RESTORATION OF AIRFIELD FACILITIES MOSTLY IN THE EASTLANT AREA, ALTHOUGH SOME IAU 11 MILLION IS SHOWN FOR WESTLANT.

(2) PHYSICAL PROTECTION (IAU 55 MILLION) FOR SHELTERS FOR STRIKE/ATTACK, AIR DEFENSE, AND MARITIME PATROL AIRCRAFT.

(3) FLEET FACILITIES (IAU 56 MILLION) FOR POL AND

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AMMUNITION DEPOTS, MODERNIZATION OF PORT HANDLING AND
BERTHING FACILITIES, AND RESTORATION/UPGRADE OF EXISTING
NAVAL BASE FACILITIES; IAU 32 MILLION IN EASTLANT AND
IAU 22 MILLION IN WESTLANT.

(4) COMMUNICATIONS (IAU 19.5 MILLION) INCLUDES IAU 15
MILLION FOR SACLANT SHARE OF NICS PROGRAM OUTLINED IN
SHAPE ANALYSIS, ABOVE. NON-NICS SUM OF IAU 4.5 MILLION
IS TO REPLACE/MODERNIZE MARITIME COMMUNICATIONS SYSTEMS,
EXPAND SECURE VOICE AND CRYPTO SYSTEMS, AND PROCURE NEW
MARITIME SYSTEMS.

(5) WAR HEADQUARTERS (IAU 15 MILLION) TO ENSURE SURVIV-
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ABILITY OF ADP SYSTEMS.

(6) NAVAIDS (IAU 2 MILLION) FOR PRECISION IN-SHORE
NAVIGATIONAL AIDS IN THE EASTLANT/CHANNEL AREA.

(7) RESTORATION (IAU 15 MILLION) FOR VARIOUS AGING
FACILITIES AT RATE OF SOME IAU 3 MILLION PER YEAR.

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